MD iMap Technical Committee Meeting Minutes

<u>Place:</u>	WebEx Only
<u>Date:</u>	03/04/2014
<u>Time:</u>	1:00PM – 3:00 PM
<u>Phone Attendees:</u>	Melissa Appler (MDP), Andrew Bernish (MDP), Michael Blahut (SHA), John Bocan (DoIT/MES), Jim Cannistra (MDP), Kevin Coyne (DNR), Bill Fearrington (DHR), Julia Fischer (DoIT), Mara Kaminowitz (BMC), Erin Lesh (SHA), Russell Provost (DoIT/ESRGC), Frank Siano (MDE), Erin Silva (ESRGC), Matt Sokol (DoIT), Marshall Stevenson (SHA/WBCM) and Brad Wolters (DHCD)

AGENDA:

- Introductions   1:00 – 1:10

- MD ELA Statistics Update   1:10 – 1:15

- Budget Hearings – *Jim Cannistra /Barney Krucoff*   1:15 – 1:25

- MD iMap Executive Committee Meeting – *Barney Krcuoff*   1:25 – 1:35
  o Socrata Microsites for Localities

- MD iMap 2.0 Changes   1:35 – 1:45

- Data & Resources Subcommittee Updates   1:45 – 2:25
  o Addressing Initiative – *Russell Provost*
  o Geocoder Update – *CGIS*
  o Image Service Update – *CGIS*
  o Floodplain Map Update – *MDE/MES*
  o Centerlines Update – *SHA*
  o LiDAR Webpage Update – *ESRGC*
  o MDP Update (Census-Related Services & Consolidation Plans) – *Jim Cannistra*

- Application Subcommittee Updates   2:25 – 2:35
  o Template Update – *MES*
  o Remington Story Map Demo – *Jim Cannistra*

- Outreach Subcommittee Updates   2:35 – 2:55
  o TUgis Presentation Update – *Julia Fischer*
  o Website Changes Preview – *Julia Fischer*

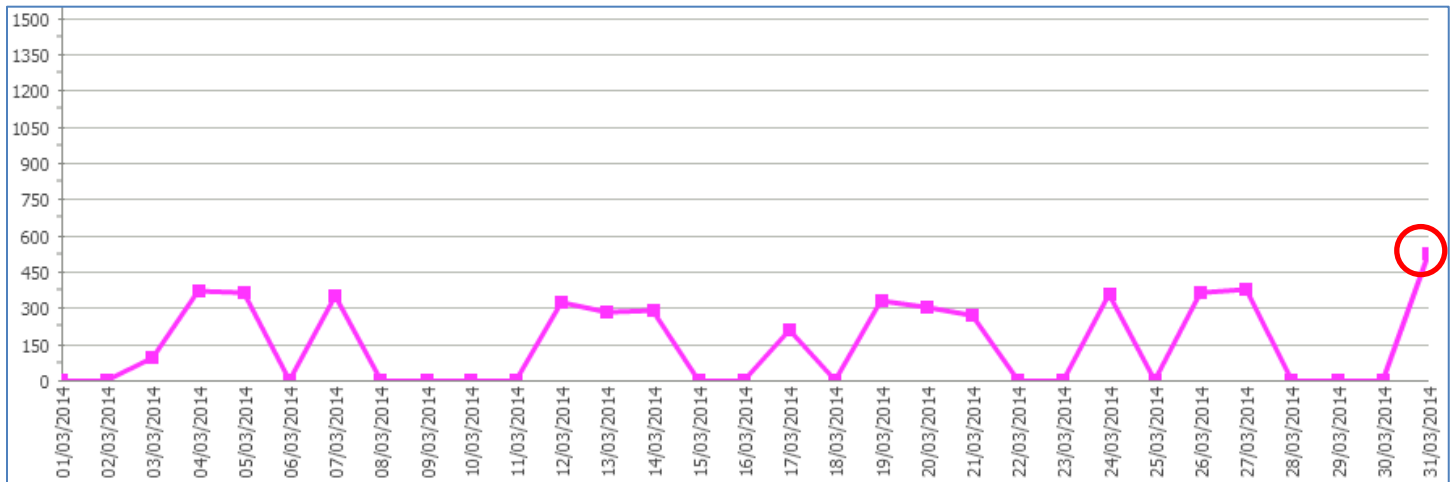- Additional Business   2:55 – 3:00

Introductions
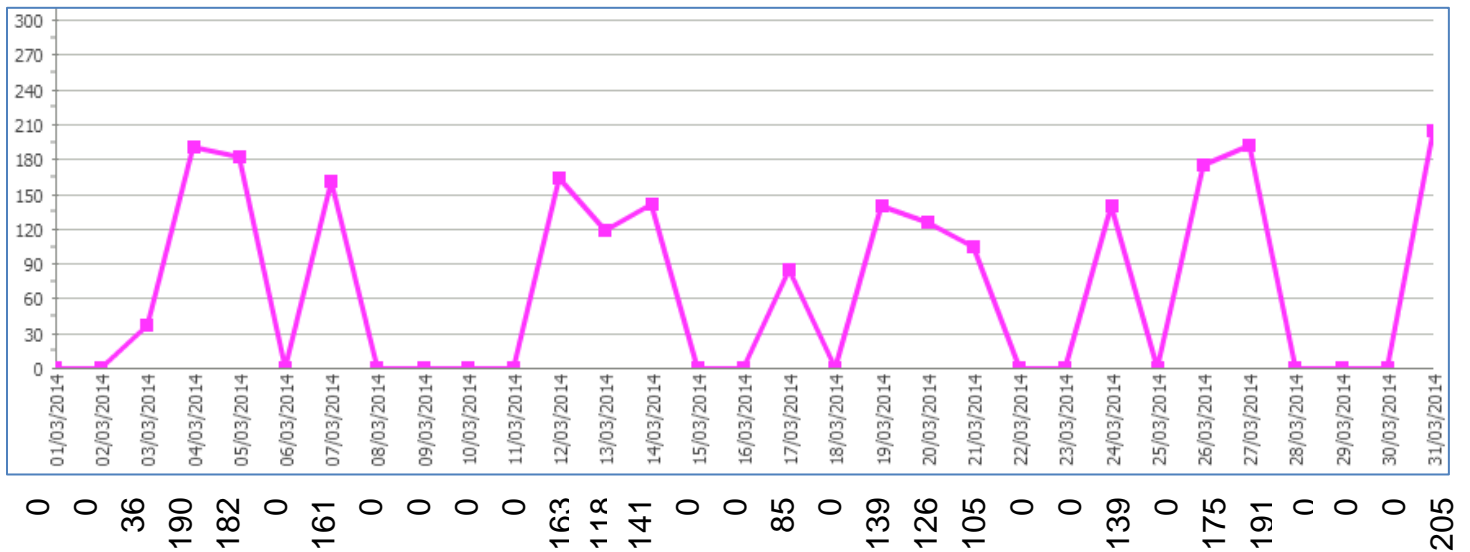
Round-the-room

MD ELA Statistics Update

Desktop License Statistics

- Total Users in March: 491
- Percent Change from February 2014: +0.6%
- Total Number of System Users: 1,032
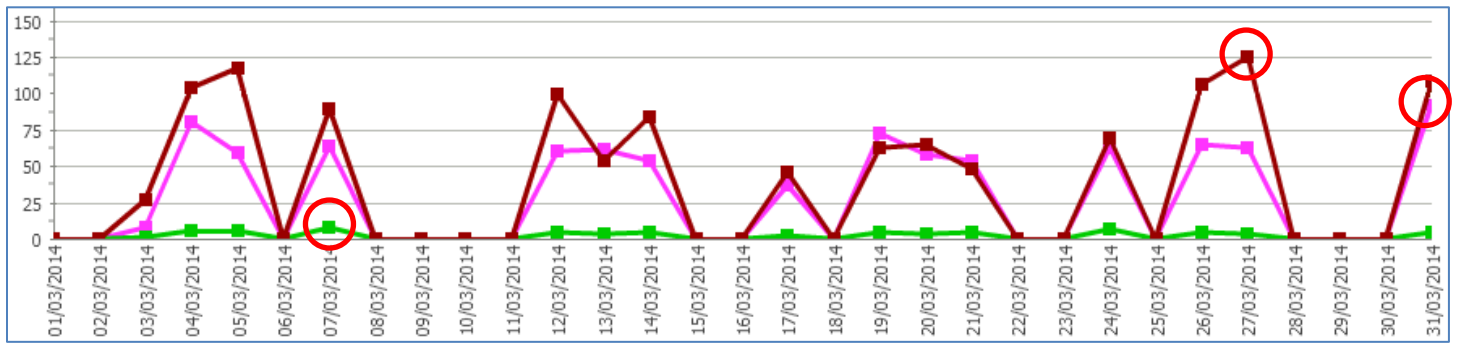- Percent Change from February 2014: +3.0%

License usage peaked on March 31, 2014 with 523 concurrent licenses in use

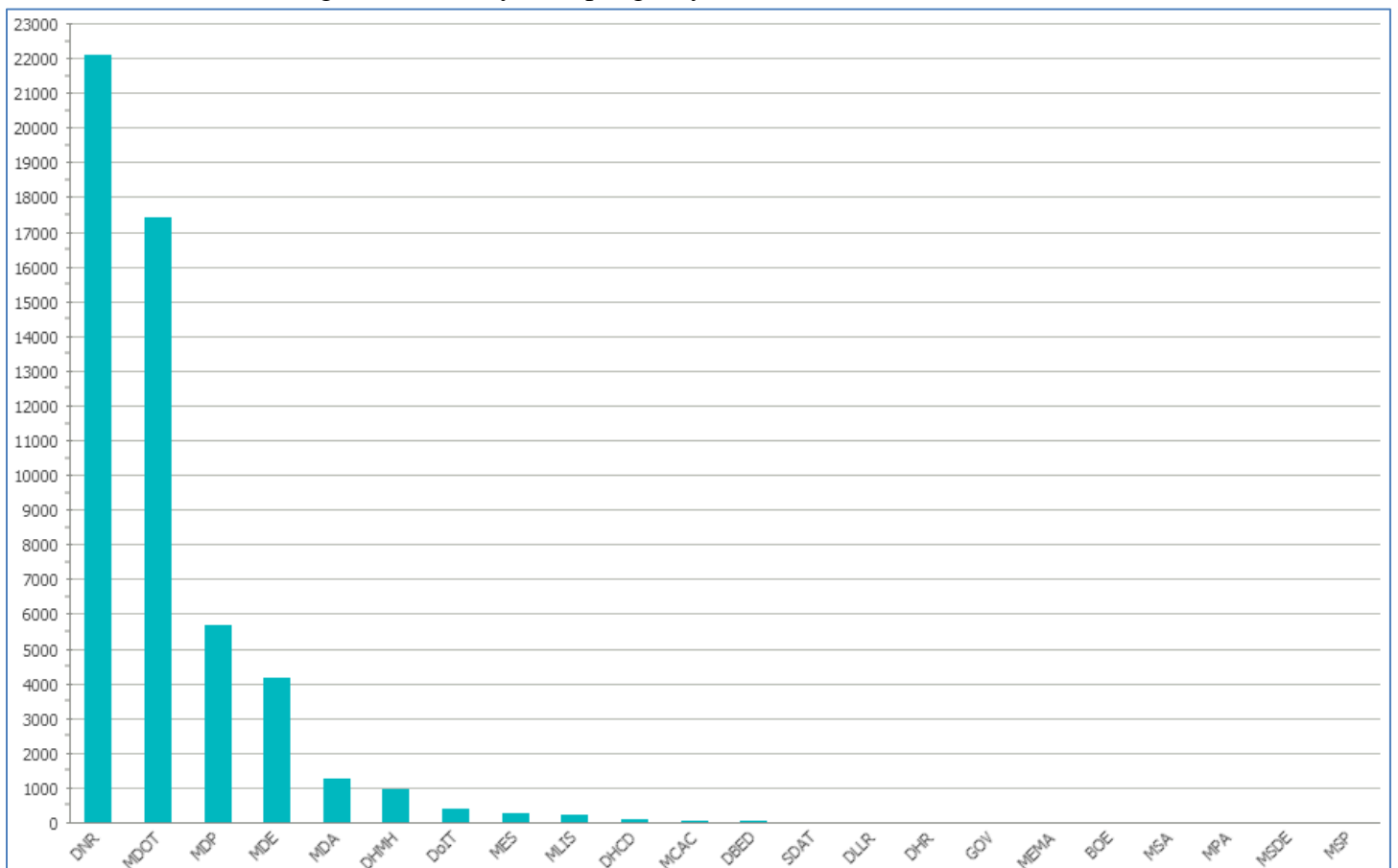Aggregated license usage of ArcView, ArcEditor and ArcInfo

Breakdown of license usage for ArcView, ArcEditor and ArcInfo

■ Max # of concurrent licenses for ArcView – March 31, 2014 with 93
■ Max # of concurrent licenses for ArcEditor – March 7, 2014 with 8
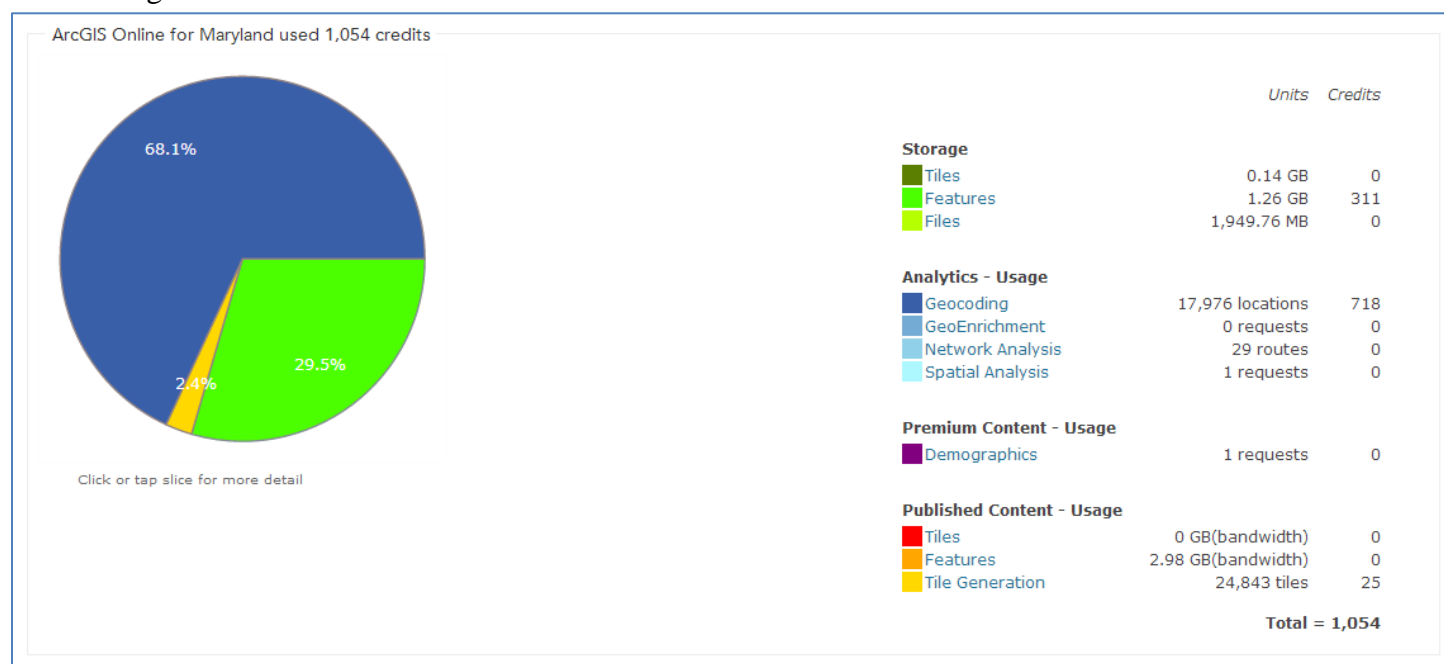■ Max # of concurrent licenses for ArcInfo – March 27, 2014 with 125

Breakdown of license usage (in hours) by Group/Agency

ArcGIS Online Statistics
- Total Number of Members as of March: 332 (185 Members Have Not Logged In Since December 2013)
- Percent Change from February 2014: +1.53%
- Total Credits Used in March: 1,054
- Percent Change from February 2014: +74 %
- Total Credits Remaining: 27,935

Credit Usage for March 2014

ArcGIS Online for Maryland used 1,054 credits

68.1%

29.5%

2.4%

Click or tap slice for more detail

Units   Credits

Storage
Tiles   0.14 GB   0
Features   1.26 GB   311
Files   1,949.76 MB   0

Analytics - Usage
Geocoding   17,976 locations   718
GeoEnrichment   0 requests   0
Network Analysis   29 routes   0
Spatial Analysis   1 requests   0

Premium Content - Usage
Demographics   1 requests   0

Published Content - Usage
Tiles   0 GB(bandwidth)   0
Features   2.98 GB(bandwidth)   0
Tile Generation   24,843 tiles   25

Total = 1,054

Top 5 Credit Users for March 2014

NAME	AGENCY	# OF CONTRIBUTIONS
Julie Spangler	MDTA	25
Laura Bowne	DNR	21
Planning Data & Analysis Maryland	MDP	19
Shawn Pickett	MDTA	15
Alexander Clark	DNR	14

Question: Are we not meeting the user's needs through the development of web-based application development?
- Need to understand the level of user using desktop
- These numbers allow us to get to know the user base, so we can make sure to meet their needs
- Determine the number of users who are consistent users and determine how many users are using the software for a greater number of hours

Question: Sent the list from MDP of named users?
- Numbers for MDP include laptops and others who don't work for the agency anymore
- Have to determine to designate those who are not active users

Budget Hearings – *Jim Cannistra /Barney Krucoff*
- Not much more progress, gone through MDP budget with DBM, questions, House and Senate Legislative hearings and optimistic it will go through and be implemented July 1
- Parcel data provided to state agencies and public at no cost
- A lot of budget issues being dealt with, near the finish, but not at the finish
- Not getting any questions from legislature, so this seems to be good news
- Last week at Executive Committee, issue discussed at length and all seem to be on board

- Now thinking about implementation
- Finder Online application would be available for free without a log-in or password
- Develop 1 or 2 version of Finder Online "Lite", Phase 2 in the Fall
- Biggest MD iMap impact is publishing some map services
- Parcel boundaries as they exist, WFS for parcel points, parcel polygons in MPV (about ½ the state with license agreements)
- Some additional map services (CAMA Points, Sales Points data) separate map services
- Publish tax map service as background raster
- Hosted by MDP or DoIT is up for discussion and might talk about this at meeting on Thursday
- Developing site with data for download
- For consistency would be counties with property view data and not make whole geodatabase available unless requested specifically
- Longer term: work with DoIT taking advantage of SwGi and interconnect the Enterprise geodatabase and allow for sharing without having to wait for map service creation/updates
- Find out in April about budget, which gives a few months for preparing for the next steps

- DoIT/GIO Office budget upheld for another
- Position moving forward, agency assignments for new position

- Most slowly working through committee

MD iMap Executive Committee Meeting – *Barney Krcuoff*
Socrata Microsites for Localities
- Data to Request from Locals: Building Permit Data (BMC has a regional database), Points of Interests, Speed Cameras, Building Footprints
- Follow up with email to make another request for this wish list

Question: Can the agreement be shared or posted?
- Size and volumes of data, numbers of users

MD iMap 2.0 Changes
- Still on track according to DoIT Systems Team to get infrastructure setup
- July 1 go live date for new MD iMap
- Release list of migrated services to all users next week
- Some to be expected, service consolidation is a huge factor, more data layers into fewer services
- 250+ services, 100+, run more efficiently and room to grow
- Changes based on research of federal services, suggest that federal services be used, rather than duplicate
- All mapped out on list next week of where services are now, where they are moving and where fed services can be found
- Review list and provide feedback and suggestions, names of services, layers, etc.
- Looking to agencies to help with field aliases and data refresh of what is actively hosted on MD iMap, want to post latest and greatest
- Agency that is a consumer of MD iMap services, can ask questions to Matt or Julia, can setup a meeting to discuss specific impacts to an agency, concerns or questions about transitioning web applications

Data and Resources Subcommittee Updates
Addressing Initiative – *Russell Provost*
- ETL process almost complete
- BMC successfully handed off output from models put together and all looked good
- Finalize the process with BMC and locals and run through process at BMC and replicate to State
- Sending final set of comments to CGIS concerning ETL scripts for the rest of the State
- On track to request Statewide refresh by end of the month
- Moving forward: start reaching out to other agencies in the state to advertise database, understand business cases for local address data, formalize some of the sharing, should be up as iMap service, but not there yet
- After the ETL is finalized, focus on these new tasks
- Spent some time at NSGIC Mid-Year and addressing is a reoccurring theme
- Census moving forward with a National Address Database
- Currently building a business case for a need of a national address dataset, have to have done by March 14, 2014
- Working through NSGIC and Federal level to get information for this business case
- Interesting to see if this is successful
- Want to have procedure in place by 2020 Census

Geocoder Update – *CGIS*
- Couple weeks ago received an email from MDE and couldn't locate an address within a federal facility, there was no local data and the address locator couldn't find it, the Esri locator could find it through centerlines for the facility
- Worked with Matt and CGIS to release a new geocoding service which is composite of our locators and Esri's locators
- Only used for single look-ups in AGOL at this time
- Some issues that have been identified, lack of information concerning credit usage in batch geocoding situation, so want to work this out before opening up for batch geocoding, if there are candidates in our locator and Esri's locator, are credits used for these matches, also crashing after a certain percentage geocoded
- Working well for single look-ups

Question: What county didn't have the data?
- Patuxent Naval Air Base, St. Mary's
- Do they have this information? There were no centerlines or address points available for this facility
- Assumed that it was not maintained, but can reach out to double check with the County
- Short-term versus long-term solution, fill the holes in the long-term solution
- Is this a systemic issue? – Patuxent is the only example to date, can also pass questions to SHA to ask counties when meeting with them

- At NSGIC spoke with representatives from surrounding States (DE and VA specifically)
- Submitted abstract to DE GIS conference concerning a regional geocoding service, excited about moving this idea forward

Question: List of counties of addresses you collected is considered open?

- Have a list of counties that made him sign a data sharing agreement
- Approach for the others is a handshake deal, laying out what wanted to do with the data
- Part of this was to have it on MD iMap initially, but need clarification from counties on how the data will be disseminated
- MDP starting to run into obstacles concerning data sharing parcel data
- Interested to know the position of the Numbers Board on data they funded and sharing of that data

Image Service Update – *CGIS*
- Updates from CGIS
- 2.0 Imagery
- 5 of current imagery services on new system
- Have historic imagery services on separate server to separate and keep latest and greatest on active MD iMap
- Certain services (NAIP) is going to be available from federal map service
- Next round of NAIP will be consumed through federal service and not duplicated on MD iMap
- Separate current versus historic map services

Question: Why was the 2013 data separated as a map service?
- Needs to be renamed 2013, not 2012
- Going to propose creating a separate service for the new collection only
- Reasoning was to do the historical imagery to show changes over time
- What about the composite service and 6" imagery services will be everything

- 6", Six Inch and Composite all reflect the latest imagery, even if it is different years combined
- Need to go back and speak with CGIS concerning consistency of the data available

Floodplain Map Update – *MDE/MES*
- Still setting up servers, once production is up, end of the month, have new floodplain services up and running
- DFIRM Outreach application will be ready for beta before TUgis
- At MDE, confident that they will move to version 10.2.1 on Desktop side and Server side 10.2.1

Centerline Update – *SHA*
- Noticed centerlines that SHA maintains is still not on MD iMap
- Stood up on DoIT test servers, not on MD iMap servers
- Want to get this up and running
- One Maryland, One Centerline, not too many updates
- Trying to procure Roads and Highways still
- Meet individually with a 1/3 of the counties in Maryland, some sort of outreach to almost all counties
- Has been positive experience to date with positive feedback
- Working closely with Esri with their new conflation tools, working to enhance them for the centerline project to create integration points, Esri looking to integrate into their products
- Expanding BMC "snap-to" points

- Create integration points for locals to review, determine best methodology for the review, create online viewer to complete the review process, go in modify, make comments, suggestions and make geometry recommendations
- Getting easier to work with the locals based on Jim and Russ's previous groundwork

Question: How integration points different?
- "Snap-to" is county to county, any road intersects another county, address edge-matching, geometry maintenance, not road maintenance, creating seamless integration
- Integration points look within the jurisdiction, with snap points, based off of municipality, county maintained roads, where they might intersect a state maintained road, SHA has in database as ownership or maintenance, can intersect where this attribute changes
- Not based on political boundaries, agreed upon maintenance of authoritative geometry
- All data conflated to a central repository
- Only see where the jurisdictional ownership changes
- Control points for the future, have point layer published, in the future, add points when new roads come online
- Create cookie cutter, where all systems roads integrate with one another, maintain from the same agreed upon system

LiDAR Webpage Update – *ESRGC*
- Making progress on all of product associated with LiDAR, services, portal page, viewer
- Really good comments from Jim Cannistra and Barney on metadata, portal page and viewer
- Incorporating suggestions
- Portal was originally a single tab and now being separated into different tabs, overview, page for State services, County services, FAQs
- A lot of progress on viewer, working on caching statewide services, so more responsive when moving around the map
- Adding more identify functions for slope and aspect layers, get results when clicking on them
- Recently received Harford 2013 data and working to incorporate that data into the system
- Some discrepancies, where county needs to be contacted, concerning data and metadata, want to work out before processing
- Planning on having all of this done before TUgis

MDP Update (Census-Related Services & Consolidation Plans) – *Jim Cannistra*
- Redeveloping census and ACS applications
- 20+ services, trying to consolidate and redeploy in the next couple of weeks
- Send a list about what keeping and getting rid of for the future
- List shows the concepts of what's to be kept, replaced, etc.

Application Subcommittee Updates
Template Update – *MES*
- Questions about getting access to the code
- As of last Friday, github has been updated with the latest code

- Bug fix in December, since last March major update has occurred with tools and widgets not there before, measuring, drawing and query tools, zoom to a county, add in a homepage link
- Two places to find code github/mdgio, check out Wiki which will be updated in the next couple of days, change log of updates, to add a to do list, list of known bugs and wish list of other functions and widgets
- AGOL (MD iMap Base Template Search) access the template there also
- Let John know if there are bugs or issues, known bugs are listed, but there might be others
- Esri has come up with JavaScript Web Builder/Template looks promising and will adjusts to the various devices, mobile, phone or desktop
- Current template from MD iMap is not responsive
- Look forward to working with Esri's code and perhaps implement some of their code into our code
- Expect it to be released during next week's developer's conference
- John Bocan (john.bocan@maryland.gov) will continue to work on the template, email him with questions
- MDP has downloaded it and haven't gotten too much further, to be used to Census Application

Remington Story Map Demo – *Jim Cannistra*
- Just went public today
- Background, Secretary putting more focus on Urban areas in the State, putting some spotlight communities together
- Video made, Google Earth Movie Maker, created building using City Engine and imported into SketchUp
- Provides areal tour of Remington Neighborhood, use State tax credits to show domino effect of development in a community
- Used an Esri Story Map, embedded video into Story Map tour
- Interviewed the business owners and residents of the neighborhood to include in the Story Map
- Millers Court turned an old canning factory to a residence for mostly teacher's, very successful redevelopment project
- Center point is Millers Court building and rings buffering out from there
- New webpage called HyperLaps uses Google StreetView and allows for driving tour from two points through the neighborhood
- Nice application that shows how the technology comes together between Esri and Google
- Google Earth imagery, 3D building stopped at a specific location and generated buildings using CityEngine, Google StreetView and SketchUp
- October 2013, Google Earth stopped accepting 3D Sketch Up models from users, still have ones previously collected
- Claimed they are using resources to build them automatically

Question:
- Like to mention as the State speech at TUgis, during plenary
- Good use the all the various tools available and a big breakthrough of these efforts
- Planning on entering into the Map App Competition, still do that, but can also plug in the plenary

Outreach Subcommittee Updates
TUgis Presentation Update – *Julia Fischer*
- If you know of someone's project you admire, let Barney know
- Some of the slides going to Julia might also go into the Plenary for brief coverage

- Brush over in plenary and send to panel for details

Website Changes Preview – *Julia Fischer*
- Updates continue to be made to the Portal
- Please provide feedback, updates or requests to Julia Fischer (julia.fischer@maryland.gov)

Additional Business
None at this time